All amounts are calculated in domestic currency.

Purchase Order Receipt Listing

Tuesday, January 07, 2014-12:43:16 PM

All Vendors PO ID po22359 Receipt Dates from 1/7/2014 to 1/7/2014 All Line Item Types All Item ID/GL/WOs All Rec. Employees All Currencies Grouped by Vendor ID

| Purchase Line Order ID/ Nbr/ Curr Type Insp Req | Project 1D Reference/ Description/ Cert Std | PO U/M / Stock U/M | Required Date Required Qty | Recv Date/ Recv Emp | Recv Oty (PO U/M) | Cost Per Unit/ Recv Value | Inspected Qty/ Rejected Qty (PO U/M) | MRB Qty/ MRB Reject Qty | Book Amt |
|---|---|--------------------|-------------------------------|---------------------------|-------------------------|------------------------------|--|-----------------------------------|------------------------|
| Vendo | VC-MET001 Meta | Metaux Castle | 5100/00/61 | 4102/2/1 | 47 6667 | \$0.52 | 00000 | 0 | \$24.65 |
| CAD No | 303 Round Bar 0.187" m127864 | - 4 | 36.0000 | DESJ02 | | \$24.65 | 0.0000 | 0 | |
| 3 No | M303R1.250 f 303 Round Bar 1.250 f m127864 | f 250 f | 12/20/2013 36.0000 | 1/7/2014 DESJ02 | 36.2500 | \$9.31 | 0.0000 | 0 0 | \$337.41 |
| 4 N | M304R0.375 304 ROUND BAR 0.375 m127864 | ~ ~ ~ | 12/20/2013 24.0000 | 1/7/2014 DESJ02 | 24.0000 | \$1.10 | 0.0000 | 0 0 | \$26.40 |
| 5 No | M304R1.000 304 round bar 1.00 m127864 | . T. T. | 12/20/2013 | 1/7/2014 DESJ02 | 24.0000 | \$6.20 \$148.70 | 0.0000 | 0 0 | \$148.70 |
| 9 Z | M7075T73B2.500X0 f 3.25 7075-T73 Bar 2.50 x f | 0X0 f 0x f | 12/27/2013 | 1/7/2014 DESJ02 | 12.0000 | \$51.98 | 0.0000 | 0 0 | \$623.76 |
| | 3.25 m127864 | | | | | Tota | Total Received Quantity: Total Qty to Inspect (PO U/M): Total Reject Quantity: | Quantity: O U/M): Quantity: | 143.9167 0.0000 0.0000 |

0.0000

Total Receipt Value: Total Balance Due Quantity:

0.0000 \$1,160.92

| | | 1CCC1 | Ama Link | | | |
|--|-----------------------------|--------------|--|--------------|-----------|----------|
| Da | ate: 14/0/7 | -10×1/6 | Batch | | 17869 | |
| St | upplier: MEJAUY | odst Vi | Dart | P/O: | 233/ | |
| Packing Slip: Invoice: Receipt: | Yes No Yes No Cash Cr | W SI Q | elease Note A /aybill Attache hipment Com C6 Inspection /ork Order | ed: You | es No | |
| Discrepancies | I | antity | Quantity | Quantity | Quantity | Comments |
| Part Number | Description | dered | Received | Returned | Short | Comments |
| M3>3B | 1.00 X J.00 | 12 | .0 | 0.1 | 12 | 7-3 |
| | | | | | | |
| | | | | | | |
| | | Initials | of receiver | (if shipment | OK) Level | 12 |
| Production/Ac Date Received/Cos Initial | | | | | Locat | ion |

H:\FORM\$\Purchasing\approved purch\RECREPORT Rev D



A. M. Castle & Co.

Page 1 of 2

Shipment No:1997508

| Chin From. | Soci | Sold To: | Ship To: | Deliver To: |
|--|-------------------|--|---|--|
| A. M. Castle & Co. MONTBEAL - CASTLE | | DART AEROSPACE LTD 1270 ABERDEEN | DART AEROSPACE LTD 1270 ABERDEEN | DART AEROSPACE LTD 1270 ABERDEEN |
| METALS | | HAWKESBURY, ON K6A 1K7 | HAWKESBURY, ON K6A | HAWKESBURY, ON |
| 835-SELKIRK AVENUE POINTE CLAIRE, QUEBEC H9R 3S2 | UE CA JEBEC CA | | 1K7 CAN | K6A 1K7 CA |
| Date Shipped | F.O.B. | Freight Terms | Carrier | BOL No |
| 03-JAN-2014 | ORIGIN | Prepaid | MANITOULIN | 1997508-2 |
| Shipment Details | | | Final Destination Branch - MON | NON |
| - | | | | |
| Order No | Line No | Item No | Description | |
| 3153119 | - | 752241.MO | 2.5000.PL.7075.T7351.ALUN | 2.5000.PL.7075.T7351.ALUMINUM.USI.48.5000.144.5000 |
| | | | .2500 IN) - ALUMINUM PLA | .2500 IN) - ALUMINUM PLATE SAW SPECIFICATIONS: |
| | | | AMS-QQ-A-250/12 | |
| | | <i>\$</i> | ALL PAPERWORK MUST FOLLOV | ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST |
| | | | ALI MATERIAL MUST HAVI | RECEIVE AL TIME OF DELIVENT ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX:HEAT |
| | | | S.# | |
| (execution) | | | FORWARD COPY OF P/S TO TRACY (MONTREAL) | O TRACY (MONTREAL) |
| | | | Email P/s and certs to: clavoie@dartaero.com | |
| Purchase Order No | | Part Number | Ordered Qty | Invoice Qty |
| /22359 / | | | 2.00 PCS | 2.00 PCS |
| Details | ALL PAPERWORK | WORK MUST FOLLOW ORD! | MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DELIVERY | EIVE AT TIME OF DELIVERY |
|) | ALL MATERIAL MU | IIAL MUST HAVE IDENTIFYIN | JST HAVE IDENTIFYING MARKINGS EX:HEAT #'S | |
| | FORWARD COPY | COPY OF P/S TO TRACY (MONTREAL | JONI REAL) | |
| | Email P/s an | Email P/s and certs to: clavoie@dartaero.com | .com | |
| | CUSTOMS | BROKER: GEORGE H. YOUN | 57 | |
| | END USER: | END USER: DART AEROSPACE | (| |
| | ECCN # EAR99 | END USE: COMMERCIAL AIRCRAFI PARIS ECCN # EAR99 | N. Y. | |
| Delivery No. | Mill | Heat Number M | Mech Id PCS Width | Width (IN) Length (IN) Shipped Qty(LBS) |
| | | | | |



CERTIFICATE OF CONFORMANCE PACKING SLIP/

A. M. Castle & Co.

Page 2 of 2

| 119468527 | KAISER | (658321A5 | 2 | 121.0061 |
|-----------|----------|-----------|---|----------|
| | ALUMINUM | | | |
| | | | | |
| | | | | |

We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description. Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material cut to the correct size, or material cut by the customer cannot be returned These commodities/lechnologies are subject to US Export Administration & US State Dept. Regulations and, if intended for export, were/are exported thereunder. Diversion contrary to US Law is Prohibited. Date: Name: for credit.
Reviewed by Authorized Castle Metals Representative:

SHIP TO:

A M CASTLE & CO 3050 SOUTH HYDRAULIC WICHITA, KS 67216

Trentwood Works - Spokane, WA 99215 Phone: (800) 367-2586

KAISER

ALUMINUM

SOLD TO:

AM CASTLE & CO- SOLD TO 1420 KENSINGTON RD SUITE 220 OAK BROOK, IL 60523

CERTIFIED TEST REPORT

Serial Number 4311155

| | | - | | | - | | | Constitution of the Consti | CUID | RUN/LOAD: | GOV'T C | ONTRACT NUMBER: | |
|--------------------|----------|-----|---------|-------|----|-----------|------------------|--|------|---------------------------|----------|-----------------------|-------------|
| CUSTOMER PO NUMBER | ₹: | WOF | RK PACK | AGE: | CU | STOMER PA | RT NUMBER: | | Shir | KUINLOND. | 001.0 | | |
| 236382 | | | | | 75 | 52241 | | | | 746/11 | | | |
| KAISER ORDER NO: | LINE ITE | M: | SHIP DA | TE: | 0 | ALLOY: | CLAD: | TEMPE | 1 | PRODUCT D | | | |
| 1157843 | 1 | | 1-OCT | -2013 | 1 | 7075 | BARE | 1735 | | Kaiser S | | | |
| WEIGHT SHIPPED: | QUANTI | TY: | | TRUCK | B | 拼 | GAUGE: 2,5000 II | N | | DIAMETER/WII 48.500 IN | DTH: | LENGTH: 144.500 IN | |
| 3588 LB | 2 PCS | ES | Γ. | 2044 | 22 | 9 | (| 63.5000 N | (MN | (12 | 31.9 MM) | | (3670.3 MM) |

MHU 1719596: LOT 658321A5: 2 pieces;

Certified Specifications

AMS 4078/RevJ ASTM B 209/Rev10 BSS 7055/RevA DPS 4.713/RevAK GSS16100/RevG/Amd1 AMS-QQ-A-250/12 ASTM B 594/Rev09 CMMP 025/RevU EAC MS1011/RevE MMS 159/RevT

AMS-STD-2154/RevA BAC 5439/RevH CSTI 006/RevE GAMPS 9101/RevB PS 21211/RevL

Test Code: 4297

Test Results

Lot: 658321A5

Cast 559

Drop 16

Ingot 4

Melted in USA

(ASTM E8/B557)

(EN 2002-1)

Tensile:

Temper T7351

Dir / # Tests LT / 2 (Min:Max)

Ultimate KSI (MPA) Yield KSI (MPA)

71.1:71.8

59.1:59.8

Elongation % 11.7:11.8

(490:495)

(407:412)

(ASTM E1004)

(EN 2004-1)

Conductivity %IACS:

41.0 Min

41.2 Max

(MS/M):

23.8 Min

23.9 Max

(ASTM E1251)

Chemistry: Actual(wt%)

SI 0.06

FE 0.19

CU MN 1.5 0.02 MG 2.5

CR 0.20

ΖN TI 5.8 0.03

ZR 0.01 0.01

OTHER 0.05 TOT





CERTIFIED TEST REPORT

Serial Number 4311155

Trentwood Works - Spokane, WA 99215 Phone: (800) 367-2586

ALLOY LIMITS

| U MN | 8.40 | O.D. | | 77.1 | | **2 52 | | |
|----------|--------------------|----------------------------|------------------|--|--|--|--|--|
| .0 17114 | MG | CR | ZN | 11 | V | ZR | OTHER | MAX |
| .0 0.30 | 2.1 2.9 | 0.18 0.28 Semainder | 5.1 6.1 | 0.00 | 0.00 0.05 | 0.00 0.05 | EACH TOT | 0.05 0.15 |
| | .2 0.00 .0 0.30 | .2 0.00 2.1 .0 0.30 2.9 | .2 0.00 2.1 0.18 | .2 0.00 2.1 0.18 5.1 .0 0.30 2.9 0.28 6.1 | .2 0.00 2.1 0.18 5.1 0.00 .0 0.30 2.9 0.28 6.1 0.20 | .2 0.00 2.1 0.18 5.1 0.00 0.00 .0 0.30 2.9 0.28 6.1 0.20 0.05 | .2 0.00 2.1 0.18 5.1 0.00 0.00 0.00 .0 0.30 2.9 0.28 6.1 0.20 0.05 0.05 | .2 0.00 2.1 0.18 5.1 0.00 0.00 0.00 EACH .0 0.30 2.9 0.28 6.1 0.20 0.05 0.05 TOT |

TEST NOTES

Metal represented by this test report was 100% immersion ultrasonically tested from one side with 3mm dead zones top and bottom and meets the Class A and Class B requirements of all specifications referenced on this test report. No surface marking of sonic indications is performed.

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC (Kaiser) hereby certifies that metal shipped under this order was melted in the United States of America or a qualifying country per DFARS 252.872-1 (a), was manufactured in the United States of America, and meets the requirements of DFARS 252.225 for domestic content. This material has been inspected, tested and found in conformance with the requirements of the applicable specifications as indicated herein. For material thicknesses outside specification limits, tested and found in conformance with the requirements of the applicable specification requirements. All metal which is solution heat treated complies with AMS 2772. Any mechanical properties are as shown herein and chemical composition meets specification requirements. All metal which is solution heat treated complies with AMS 2772. Any warranty is limited to that shown on Kaiser's standard general terms and conditions of sale. Test reports are on file, subject to examination. Test reports shall not be reproduced except in full, without the written approval of Kaiser Aluminum Fabricated Products, LLC laboratory. The recording of false, fictitious or fraudulent statements or entries on the certificate may be punished as a felony under federal law. ISO-9001:2000 certified.

Page 2 of 2

JAMES HEMENWAY, LABORATORIES SUPERVISOR



A. M. Castle & Co.

Page 1 of 1

Shipment No:1997508

| Ship From: | Š | Sold To: | Ship To: | Deliver To: |
|--|--------|---|--|--|
| A. M. Castle & Co. MONTREAL - CASTLE METALS 835-SELKIRK AVENUE POINTE CLAIRE, QUEBEC H9R 3S2 | BEC | DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA | DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CAN | DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA |
| Date Shipped | F.O.B. | Freight Terms | Carrier | BOL No |
| 03-JAN-2014 | ORIGIN | Prepaid | MANITOULIN | 1997508-2 |

Final Destination Branch - MON

Shipment Details

| 14828 | | Order No | Line No | Item No | Description | ption | | | |
|--|----|-------------------|------------------|---------------------------|------------------|-----------------|-------------------------|---------------|------------------|
| ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX:HE/FORWARD COPY OF P/S TO TRACY (MONTREAL) Email P/s and certs to: clavoie@dartaero.com END USE: DART AEROSPACE END USE: COMMERCIAL AIRCRAFT PARTS ECCN # EAR99 ITY NO. Mill Heat.Number Mech Id PCS AMERICAN STAINLESS | | 3144363 | 4 | 4828 | 1.0000 SPEC | .RD.304/304L.\$ | STAINLESS.C STM A276 | 7. ANN. 432.0 | 000-156.0000 |
| ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST FOLLOW ORDER / CUSTOMER MUST HAVE IDENTIFYING MARKINGS EX:HE/FORWARD COPY OF P/S TO TRACY (MONTREAL) Email P/s and certs to: clavoie@dartaero.com | | Purchase Order No | | mber | Ordere | d Qty | | Invoice Qt | y |
| ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX:HE/FORWARD COPY OF P/S TO TRACY (MONTREAL) Email P/s and certs to: clavoie@dartaero.com END USER: DART AEROSPACE END USE: COMMERCIAL AIRCRAFT PARTS ECCN # EAR99 y No. Mill Heat.Number Mech Id PCS NORTH JAN0 STAINLESS STAINLESS | | 22359 | | | 24.00 F | <u> </u> | | 24.0000 F | |
| ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX:HE/FORWARD COPY OF P/S TO TRACY (MONTREAL) Email P/s and certs to: clavoie@dartaero.com END USE: DART AEROSPACE END USE: COMMERCIAL AIRCRAFT PARTS ECCN # EAR99 Mill Mill Morth AMERICAN STAINLESS | \ | Details | ALL PAPERWO | RK MUST FOLLOW ORI | DER / CUS | TOMER MUST | RECEIVE A | T TIME OF DE | ELIVERY |
| FORWARD COPY OF P/S TO TRACY (MONTREAL) Email P/s and certs to: clavoie@dartaero.com END USER: DART AEROSPACE END USE: COMMERCIAL AIRCRAFT PARTS ECCN # EAR99 NORTH NORTH AMERICAN STAINLESS | | | ALL MATERIAL | MUST HAVE IDENTIFY! | NG MARK | INGS EX:HEA | S,# L | | |
| Email P/s and certs to: clavoie@dartaero.com END USER: DART AEROSPACE END USE: COMMERCIAL AIRCRAFT PARTS ECCN # EAR99 Mill Heat Number Mech Id PCS NORTH J4N0 STAINLESS | | | FORWARD COF | PY OF P/S TO TRACY () | MONTRE/ | /L) | | | |
| END USER: DART AEROSPACE END USE: COMMERCIAL AIRCRAFT PARTS ECCN # EAR99 Mill Heat Number Mech Id PCS NORTH JAN0 AMERICAN STAINLESS |) | | Email P/s and ce | erts to: clavoie@dartaerc | o.com | | | | |
| END USE: COMMERCIAL AIRCRAFT PARTS ECCN # EAR99 Mill Heat Number Mech Id PCS NORTH J4N0 AMERICAN STAINLESS | 1 | | END USER: DA | RT AEROSPACE | | | | | |
| ECCN # EAR99 Mech Id PCS NORTH J4N0 STAINLESS STAINL | / | | END USE: CON | IMERCIAL AIRCRAFT P. | ARTS | | | | |
| Mill Heat Number Mech Id PCS NORTH J4N0 2 AMERICAN STAINLESS | / | | ECCN # EAR99 | | | | | | |
| NORTH (J4N0) 2 144.0000 AMERICAN STAINLESS | 4/ | Delivery No. | Mill | | | | Width (IN) | Length (IN) | Shipped Qty(LBS) |
| | / | 119464723 | NORTH | (J4N0) | | 2 | | 144.0000 | 67.0000 |
| STAINLESS | / | | AMERICAN |) | | | | | |
| | / | | STAINLESS | | | | | | |

These commodities/technologies are subject to US Export Administration & US State Dept. Regulations and, if intended for export, were/are exported thereunder. Diversion contrary to US Law is Prohibited.

We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description. The configuration is subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material cut to the correct size, or material cut by the customer cannot be returned for credit.

Reviewed by Authorized Castle Metals Representative:



REPORT METALLURGICAL

6870 Highway 42 East Chent, KY 41045-9615 (502) 347-6000

Page: 1 Of

144.00 in ASTM A262-10 Frac A/E OK Cold Draw 9/18/2013 304/304L Finish Dia/Thk: Length: Corrosion: Leg Length: Date: Steels 60131 Ship to: A.w. Castle and Company 3400 north wolf road II PRANKLIN PARK Item Code: 14828 A.M. CASTLE AND COMPANY 1420 KENSINGTON ROAD-SUITE 220 IL 60523 OAK BROOK Mail To: 4784 Certificate: 871445 04 233195 0032 001 Ch Your Order! Customer: MAS Order:

PRODUCT DESCRIPTION:

AMS 5639H, AMS 5647J, AMS QQS-763B, QQS-763F, ASTM F899/11 ASTH A276/10, ASTM A479/13a, ASTW A182/10 CHEM ONLY, ONS 30400/30403 EN 10204 3.1, ASTM A484/11 ASME SA479/10a, ASME SA182/10 CHEM ONLY ASTM A193/108-ASME SA193/10 CL 1 GR B8 Round Bar, Annealed, Cold Draw GRAIN SIZE= 4-6

2011/65/EU.ROHS. EAF+AOD+CC. NO WELD REPAIR. MELTED AND MFG IN USA FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION COMPLIES W/REQUIREMENTS OF DFAR 252.225-7014A-1 EU DIRECTIVE REMARKS:

SOLUTION ANNEAL TEMP 1900F MIN, ASTM A320/08 CL 1 GR B8

| HF70773 4347 | 47 | | основник и положения в положен | | | en e | enter en | |
|--------------|----|--|--|-----------|-------------------|--|--|---------|
| CHEMIC | 4 | A N A L Y S I S CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan) | CM(Country of Melt) | ES(Spain) | US(United States) | ZA(South Africa) | JP(Japan) | Chemica |

Chemical Analysis per ASTM A751/08

Weight

Bundle

Bundle Weight

Bundle Weight

Weight

Bundle

Burdle Weight

Bundle Weight

Bundle Weight

Bundle Weight

Bundle Weight

| Heat | Supplier # | 5 | % U | % 00 | CR % | % B3 | MN % | ₩0 % | % N | % IN | ъ. | ra % |
|---------------------------------------|------------|-------|-------------|------------|-------|--------------|------|---------------------|----------|----------------------------|--|--|
| JAN0 | | US | .016 | .29 | 18.05 | .44 | 1.43 | .38 | .077 | 8.55 | .031 | .0225 |
| | | | | | | | | | | tle Metals | 6 FB | |
| | | | SI % | | | | | THE PERSON NAMED IN | | CAND | | |
| | | | .24 | | | | | MECHANICAL ID | IICAL ID | | | - Constitution of the Cons |
| MECL | MECHANICAL | PROP | PROPERTIES | SO EN | | | | IYEM CODI | Of | 15000 | And Applications of the Control of t | Approximation of the second |
| | ₽ → 1 | No. | .2YS KSI | UTS KSI | RA | Eing % 4D | | PO NUMB R | B R 233 | 3/95 | 1 6 | Make reporting to a control of the c |
| BF70773 | RL | 323.0 | 95.00 | 106.00 | 52.00 | 41.00 | | RECEIPT DA | 7 1 8 | | | and the second |
| | | | | | | | | SPECIFICATION | NO NO | " palyting." 'spage and an | Value of the state | hangerysteren |
| , , , , , , , , , , , , , , , , , , , | | | | | | | | SOMMENT BOOKS | J. G | | To the contract of the contrac | |
| | | | | | | | | | 7 | | | - Schallage Parkette |

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS

Dept.Mgr. Technical

ERIC HESS



CERTIFICATE OF CONFORMANCE PACKING SLIP/

A. M. Castle & Co.

Page 1 of 1

Shipment No: 1997508

| Ship From: | Sold To: | | Ship To: | Deliver To: |
|--|----------|---|--|--|
| A. M. Castle & Co. MONTREAL - CASTLE METALS 835-SELKIRK AVENUE POINTE CLAIRE, QUEBEC H9R 3S2 | | DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA | DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CAN | DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA |
| Date Shinned | F.O.B. | Freight Terms | Carrier | BOLNo |
| 03-JAN-2014 | ORIGIN | Prepaid | MANITOULIN | 1997508-2 |
| | | | | |

Final Destination Branch - MON

Shipment Details

| | | | | | | / | | | | ſ |
|---|-------------------|--------------|--|------------|-------------|--|-------------|---------------|---|---|
| | Order No | Line No | Item No | | Description | ption | / | | | |
| | 3144363 | 1 | 4540 | | 0.1875 | 0.1875.RD.303.STAINLESS.CD.ANN.132.0000-156.0000 | NESS.CD.AN | JN.132.0000-1 | 56.0000 | |
| | | | | | SPEC | SPECIFICATIONS: ASTM A582 | ASTM A582 | | | Т |
| | Purchase Order No | | Part Number | | Ordered Qty | d Qty | | Invoice Qty | ty | П |
| / | 22359 | | | | 36.00 FT | | | 47.6667 FT | _ | П |
| | Details | ALL PAPE | <u>ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DELIVERY</u> | OLLOW OF | RDER / CUS | STOMER MUS | T RECEIVE A | T TIME OF DE | ELIVERY | |
| 1 | | ALL MATE | ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX:HEAT #'S | E IDENTIFY | YING MARK | (INGS EX:HE/ | AT #'S | | | |
| | | FORWARI | FORWARD COPY OF P/S TO TRACY (MONTREAL) | O TRACY | (MONTRE/ | /L) | | | | |
| | | Email P/s | Email P/s and certs to: clavoie@dartaero.com | oie@dartae | ro.com | | | | | |
| | | END USE | END USER: DART AEROSPACE | ACE | | | | | | |
| | | END USE: | END USE: COMMERCIAL AIRCRAFT PARTS | IRCRAFT | PARTS | | | | | |
| | | ECCN # EAR99 | AR99 | | | | | | | T |
| 1 | Delivery No. | Mill | Heat Number | ber | Mech Id PCS | | Width (IN) | Length (IN) | Width (IN) Length (IN) Shipped Qty(LBS) | |
| / | 119464365 | TALLEY | 743043 | | | 4 | | 143.0000 | 4.4807 | |

These commodities/technologies are subject to US Export Administration & US State Dept. Regulations and, if intended for export, were/are exported thereunder. Diversion contrary to US Law is Prohibited.

METALS, INC.

We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material including any specifications forming a part of the description.

Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material out to the correct size, or material out by the customer cannot be returned for credit.

Reviewed by Authorized Castle Metals Representative:

Name: Date:

CERTIFICATE OF TESTS CERT SERIAL# 000845106

ABNAHMEPRUEFZEUGNIS

CERTIFICAT DE CONTROLE



TALLEY METALS A Carpenter Company

THE RECORDING OF FALSE, FICTICIOUS OR FRAUDULENT STATEMENTS OR ENTRIES ON THIS DOCUMENT
MAY BE PUNISHED AS A FELONY UNDER FEDERAL STATUTES INCLUDING FEDERAL LAW, TITLE 18;
CHAPTER 47.

THE VALUES AND OTHER TECHNICAL DATA REPRESENT THE RESULTS OF ANALYSES AND TESTS MADE ON SAMPLES COLLECTED FROM THE TOTAL LOT. ORIGINAL DATA RECORDS CAN BE TRACED BY REFERENCE TO THE CARPENTER ORDER NUMBER.

METERIAL IS MANUFACTURED FREE FROM MERCURY, RADIUM, ALPHA AND GAMMA SOURCE CONTAMINATION THIS DOCUMENT SHALL NOT BE REPRODUCED, EXCEPT IN FULL, WITHOUT THE WRITTEN CONSENT OF CARPENTER TECHNOLOGY CORPORATION.

Talley Metals Technology, Inc. Talley Metals Lane
205 Talley Metals Lane
Tel: (610) 208-2000 (800) 338-4592

10/10/12 CUSTOMER/BESTELLER/CLIENT

SELLER / VERKÄUFER / VENDEURPAGE 1 OF 2

A.M. CASTLE & CO

| 3400 N WOLF RD FRANKLIN PARK IL 60131 | | H | IVL |
|---|---|---------------------------|----------------------|
| CUSTOMER ORDER NO./BESTELL-NR./N° DE COMMANDE | CARPENTER NO./WERKS-NR./Nº DE REFERENCE INTERNE | DATE/DATUM/DATE | WEIGHT/GEWICHT/POIDS |
| 168510-004 | W59502 | 10/10/12 | 3156.000 |
| HEAT NUMBER / SCHMELZE-NR. / N° DE COULEE: PRODUCT DESCRIPTION: TYPE 303-00 NUMBER SPECIFICATION: CASTLE 3303-00 RE AMS 5640 REV U (1 ASTM-A484-11 AISI ASTM-A582-05 TYPE | ANNEALED COLD DRAWN | SER \$30300 | |
| SIZE 0 187500 IN. (4.76 MM) F PRIMARY HEAT CHEMISTRY (WT%): (TE 0.05 MN(XRF) 1.76 | RD BAR EST METHOD IS SHOWN IN PARI | | CR(XRF) 17.26 |
| NO WELD REPAIR. SOLUTION ANNEALED TO PROVIDE A IS SOLUTION ANNEALED TO PROVIDE A IS BOUNDARY CARBIDE PRECIPITATION MATERIAL IS MANUFACTURED FREE FICONTAMINATION. DISCS MACROETCHED AND APPROVED (T)RANSVERSE (L)ONGITUDINAL YIELD STRENGTH, (0.20 %) KSI(MY TENSILE STRENGTH, KSI(MPA) ELONGATION IN 1.00", REDUCTION OF AREA, % | MICROSTRUCTURE FREE FROM CO (NETWORK). ROM MERCURY, RADIUM AND AL PA) 114.0(786) 127.0(876) 32.0 34.0 | ONTINUOUS G PHA SOURCE | RAIN |

HARDNESS AS SHIPPED 234HBW (99HRBW)

NO WELD REPAIR PERFORMED
MATERIAL HAS BEEN MELTED AND MANUFACTURED IN THE USA WHICH IS A QUALIFYING COUNTRY TO DEARS REQUIREMENTS 252.225-7014 WITH ALTERNATE 1 FOR QUALIFYING COUNTRY 225.872.1, SUPERSEDED BY DEARS REQUIREMENTS DEARS 252.225-7008 AND 252.225-7009.

CONTINUED ON NEXT PAGE

This certification is made to the customer printed on this form. Carpenter neither makes, nor assumes responsibility for, any representation or certification to other parties.

Die vorliegende Zertifizierung ist nur für den in diesem Pormular genannten Kunden gültig. Carpenter übernimmt gegenüber Dritten keinerlei Haftung für die ausgewiesenen Daten oder Zertifizierungen. Ce certificat est uniquement valable pour te olicut dont le nom est inprimé sur ce formulaire. Carpenter n'assume pas de responsabilité pour une certification vis-à-vis d'une tierce personne.

CERTIFICATE OF TESTS CERT SERIAL# 000845106

TALLEY METALS A Carpenter Company

ABNAHMEPRUEFZEUGNIS

CERTIFICAT DE CONTROLE

THE RECORDING OF FALSE, FICTICIOUS OR FRAUDULENT STATEMENTS OR ENTRIES ON THIS DOCUMENT MAY BE PUNISHED AS A FELONY UNDER FEDERAL STATUTES INCLUDING FEDERAL LAW, TITLE 18, CHAPTER 47.

CHAPIER 47.

THE VALUES AND OTHER TECHNICAL DATA REPRESENT THE RESULTS OF ANALYSES AND TESTS MADE ON SAMPLES COLLECTED FROM THE TOTAL LOT. ORIGINAL DATA RECORDS CAN BE TRACED BY REFERENCE TO THE CARPENTER ORDER NUMBER.

MATERIAL IS MANUFACTURED FREE FROM MERCURY, RADIUM, ALPHA AND GAMMA SOURCE CONTAMINATION

WITHOUT THE WRITTEN CONSENT THIS DOCUMENT SHALL NOT BE REPRODUCED, EXCEPT IN FULL, OF CARPENTER TECHNOLOGY CORPORATION.

Talley Metals Technology, Inc. 205 Talley Metals Lane McBee, SC. 29101 Tel; (610) 208-2000 (800) 338-4592

10/10/12 CUSTOMER / BESTELLER / CLIENT SELLER/VERKÄUFER/VENDEURPAGE 2 OF 2

A.M. CASTLE & CO

3400 N WOLF RD FRANKLIN PARK

IL 60131

HVL

| CUSTOMER ORDER NO./BESTELL-NR./N° DE COMMANDE | CARPENTER NO./WERKS-NR./Nº DE REFERENCE INTERNE | DATE/DATUM/DATE | WEIGHT/GEWICHT/POIDS |
|---|---|-----------------|----------------------|
| 168510-004 | W59502 | 10/10/12 | 3156.000 |

HEAT NUMBER / SCHMELZE-NR. / N° DE COULEE: 743043 UNS NUMBER S30300 THIS ORDER WAS MANUFACTURED IN ACCORDANCE WITH CARPENTER SPECIALTY ALLOYS OPERATIONS QUALITY PROGRAM MANUAL, REVISION 30 DATED 09/28/11.

WE HEREBY CERTIFY THAT THE ABOVE TEST DATA ARE IN ACCORDANCE WITH THE PURCHASE ORDER AND SPECIFICATION REQUIREMENTS. CERTIFICATE OF TEST IS PREPARED IN ACCORDANCE WITH PARAGRAPH 3.1 OF EN 10204(DIN50049)

TIMOTHY DUVALL OUALITY ASSURANCE REP. CARPENTER TECHNOLOGY CORPORATION

| | Castle Wetsis FP | |
|---------------|------------------|---|
| HEAT NUMBER | 743043 | _ |
| MECHANICAL ID | | |
| ITEM CODE | 4540 | |
| LOT NUMBER | | _ |
| PO NUMBER | 168510 | |
| RECEIPT DATE | 10/11/12 | |
| SUPPLIER | Talley | |
| SPECIFICATION | | |
| LCS | No | |
| COMMENT | | |
| APPROVED | 135 | |

This certification is made to the customer printed on this form. Carpenter neither makes, nor assumes responsibility for, any representation or certification to other parties.

Die vorliegende Zertifizierung ist nur für den in diesem Formular genamnten Kunden giltig. Carpenter übernimmt gegenüber Eritten keinertei Haftung für die ausgewiesenen Daten oder Zer Ce certificat est uniquement valable pour le client dont le nom est imprimé sur ce formulaire. Carpenter n'assume pas de responsabilité pour une certification vis-à-vis d'une tierce personne. viesenen Daten oder Zertifizierungen



CERTIFICATE OF CONFORMANCE PACKING SLIP/

A. M. Castle & Co.

Page 1 of 1

Shipment No: 1997508

| C + - LO * CO CC L * HC * C | Silly 10. | Deliver 10: |
|---|--|--|
| A. M. Castle & Co. MONTREAL - CASTLE 1270 ABERDEEN METALS HAWKESBURY, ON K6A 1K7 S35-SELKIRK AVENUE POINTE CLAIRE, QUEBEC H9R 3S2 | DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CAN | DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA |
| F.O.B. Freight Terms | Carrier | BOL No |
| ORIGIN Prepaid | MANITOULIN | 1997508-2 |
| | Š Š | ANITOULIN |

Final Destination Branch - MON

| | Shipment Details | | | Final D | Final Destination Branch - MON | nch - MON | | |
|------|-------------------|------------------|--|-------------|--------------------------------|--|---------------------|--------------|
| | | | | | | | | |
| | Order No | Line No It | Item No | Description | ption | | | |
| | 3144363 | 2 | 4693 | 1.2500 | 1.2500.RD.303.STAINLESS.CF.A | 1.2500.RD.303.STAINLESS.CF.ANN.132.0000-156.0000 | 2.0000-156.000 | 00 |
| | | | | 7 - 6 | 201001 | \ | 20.00 | |
| | Purchase Order No | Part Number | mber | Ordered Qty | d Oty | | Invoice dry | |
| | 22359 | | | 36.00 FT | Ŀ | 3 | 36.2500 F1 | |
| | Details | ALL PAPERWO | <u>ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DELIVERY</u> | DER / CUS | TOMER MUST | RECEIVE AT TIN | ME OF DELIVE | HX |
| | | ALL MATERIAL | ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX:HEAT #'S | ING MARK | INGS EX:HEA | S,# ∟ | | |
| | | FORWARD COF | FORWARD COPY OF P/S TO TRACY (MONTREAL) | MONTRE/ | ۱۲) | | | |
| / | | Email P/s and ce | Email P/s and certs to: clavoie@dartaero.com | o.com | | | | |
| 1 | | END USER: DA | END USER: DART AEROSPACE | | | | | |
| / | | END USE: CON | END USE: COMMERCIAL AIRCRAFT PARTS | ARTS | | | | |
| / | | ECCN # EAR99 | | | | | | |
| 4 | Delivery No. | Mill | Heat-Number | Mech Id | PCS | Width (IN) Length (IN) Shipped Qty(LBS) | gth (IN) Ship | ped Qty(LBS) |
| 1/01 | 119463927 | NORTH | K3M5 | | 3 | 145. | 145.0000 152.0000 | 000 |
| | | AMERICAN | | | | | r | |
| / | | SIAINLESS | | | | | | |

These commodities/lechnologies are subject to US Export Administration & US State Dept. Regulations and, if intended for export, were/are exported thereunder. Diversion contrary to US Law is Prohibited.

We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description.

Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material cut to the correct size, or material cut by the customer cannot be returned for credit. Name: Date: Reviewed by Authorized Castle Metals Representative:

VAS NORTH AMERICAN STAINLESS

METALLURGICAL TEST REPORT

6870 Highway 42 East Chent, KY 41045-9615 (502) 347-6000 Page: 1 Of

1.2500 tn 144.00 in Cold Finish Dage: 12/04/2013 Steel: 303 Finish Dia/Thk: Leg Length: Length: Corrosion: IL 60131 REMARKS Ship to: A.M. CASTLE AND COMPANY 3400 MORTH WOLF ROAD PRANKLIN PARK Item Code: 4693 A.M. CASTLE AND COMPANY 1420 KENSINGTON ROAD-SUITE 220 DESCRIPTION: Mail To: OAK BROOK graf LP 10393 Certificate: 896202 29 249999 0032 001 PRODUCT Your Order; Customer: MAS Order:

COMPLIES W/REQUIREMENTS OF DFAR 252.225-7008 EU DIRECTIVE 2011/65/EU.ROBS. EARTAOD+CC. NO WELD REPAIR. MELTED AND MFG IN USA PREE PROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

S1461/07

Round Bar, Annealed, Smooth Turned, Cold Finished

ASTM A582/12 EN 10204 3.1, ASTM A484/11 AMS 56400 TYPE 1, QQS-764B CONDITION A SOLUTION ANNEAL TEMP 1900F MIN

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| Burdle | EF88050 |

CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan) ANALYSIS CHEMICAL

Chemical Analysis per ASTM A751/08

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| K3M5 | | SD | .050 | .15 | 17.21 | .35 | 1.79 | .30 | .047 | 8.39 | .030 | .3590 |
| | | | % IS | فلا | | | | | 3 | Cactle Metale FP | ED. | |
| | | | .28 | | | | | HEAT N | _ | Kamp | | |
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| | et et 1 | HB No. | .2YS KSI | ots ksi | RA % | Elng % 4D | | LOT NUMBER | Walth | 0000 | The state of the s | |
| BF88050 | 50 R L | 159.0 | 48.80 | 93.53 | 41.40 | 33.88 | | RECEIPT DATE | OV.E | 127 | n | |
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| | - | indiana displacementa de descriptores de la constante de la co | | | | And the state of t | a la company de | | | | | |

Technical NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS

Dept.Mgr. ERIC HESS

The same



A. M. Castle & Co.

Page 1 of 1

Shipment No: 1997508

| _ | DART AEROSPACE LTD | DART AEROSPACE LTD | DART AEROSPACE LTD |
|-----------------------|------------------------|--------------------|--------------------|
| MONTREAL - CASTLE 12 | 270 ABERDEEN | 1270 ABERDEEN | 1270 ABERDEEN |
| _ | HAWKESBURY, ON K6A 1K7 | HAWKESBURY, ON K6A | HAWKESBURY, ON |
| 835-SELKIRK AVENUE CA | ٨ | 1K7 CAN | K6A 1K7 |
| POINTE CLAIRE, QUEBEC | | | CA |
| H9R 3S2 | | | |
| Date Shipped F.O.B. | Freight Terms | Carrier | BOL No |
| 03-JAN-2014 ORIGIN | Prepaid | MANITOULIN | 1997508-2 |

Final Destination Branch - MON

Shipment Details

| Order No | Line No | Item No | Description | ption | | | |
|-------------------|--------------|--|-------------|-----------------------------|---|-------------|---|
| 3144363 | ಣ | 15043 | 0.3750 | , RD.304/304L. | 0.3750.RD.304/304L.STAINLESS.CF.ANN.132.0000-156.0000 | F.ANN.132.0 | 0000-156.0000 |
| | | | SPE(| SPECIFICATIONS: AS IM A2 /6 | AS I M A2 76 | | |
| Purchase Order No | | Part Number | Order | Ordered Qty | | Invoice Qty | ty |
| 22359 | | | 24.00 FT | FT | | 24.0000 FT | |
| Details / | ALL PAPER | <u>ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DELLVERY</u> | RDER / CU | STOMER MUS | T RECEIVE AT | TIME OF DI | ELIVERY |
| | ALL MATEF | ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX:HEAT #'S | YING MAR | KINGS EX:HE, | / S,# L | | |
| \ | FORWARD | FORWARD COPY OF P/S TO TRACY (MONTREAL) | (MONTRE, | 4L) | £1. | | |
|) | Email P/s ar | Email P/s and certs to: clavoie@dartaero.com | ero.com | | | | |
| | END USER | END USER: DART AEROSPACE | | | | | |
| | END USE: (| END USE: COMMERCIAL AIRCRAFT PARTS | PARTS | | | | |
| | ECCN # EAR99 | R99 | | | | | |
| Delivery No. | Mill | Heat Number | Mech Id | PCS | Width (IN) | ength (IN) | Width (IN) Length (IN) Shipped Qty(LBS) |
| 119464365 | NORTH | (H8J1) | | 2 | | 144.0000 | 9.0240 |
| | AMERICAN | | | | | | |
| | STAINLESS | | | | | | |

These commodifies/hechnologies are subject to US Export Administration & US State Dept. Regulations and, if intended for export, were/are exported thereunder. Diversion contrary to US Law is Prohibited.

We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description. Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material cut to the correct size, or material cut by the customer cannot be returned Name: Date: for credit. Reviewed by Authorized Castle Metals Representative:

19/2/07

1/16/2013 30 T (205) 347-6000 GPGH, KY 41045-9615 6870 347-6000

Length: 144.00 in Length: Length: ATM A262-10 Prac A/E OK

COTG DISM Sceet: 304/304L

af Oere.

METALLURGICAL TEST REPORT

A.N. CASTLE AND COMPANY 3400 NORTH WOLF ROAD FRANKLIN PARK IL

KENYKKS:

TET COTST

STAINLESS NORTH AMERICAN

Cerriticate: 853162 04

A.H. CASTLE AND COMPANY 1420 KENGINGTON ROAD-SUITE 220 OAK BROOK IL 60523 tor Lies

MAS Order: rb stes Customer: 0032 001

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MECHANICAL

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BES 6063

TCSH

325609 LOUI ORGET

PRODUCT DESCRIPTION:

ASTM A193/108-ASME SA193/10 CL I GR BE
GRAIN SIZE= 4-6
ROUNG BEL, Annealed, Cold Draw
GRAM SA16/108, ASTM A479/11, ASTM A182/10 CHEM OULY,
ASME SEA79/108, ASME SA170, ANS QQS-763P, QQS-763P, ASTM F899/11
ASME SE39P, AMS S647J, ANS QQS-763P, QQS-763P, ASTM F899/11
SOLOTION ANNEAL TEMP 1900P MIN, ASTM A120/08 CL I GR BE

tor atus

COMPLIES W/REQUIREMENTS OF DEAR 252.225-7014A-1 EU DIRECTIVE 2011/65/EU-ROBS. EAR-AND-CC. NO WELD REPAIR, MELITED AND WE'G IN USA FREE FROM NERCHERS AND LOW WELTING ALLOY CONTAMINATION

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SU LTO 25. 18.30 30 LP'I 30 29.8 5020. **LZ0** Heat Supplier # MD CE & % 00 % 0 % OW % NDI % 00

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RECEIPT DATE 600ser PO NUMBER 82091 ILEM CODE MECHANICAL ID

41 81811M

EKIC HEZZ

COMMENT รวา SPECIFICATION SUPPLIER

CENORIDA

HENT NUMBER

Depr. Mgr. Technical NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items fested and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

15.501

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85.57

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Item Code: 12043

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PROPERTIES



A. M. Castle & Co.

Page 1 of 2

Shipment No: 1997508

| | | | | Shipment No: 1997508 |
|--|--------------|--|--|--|
| A M Costle o | 000 | Sold 10: | Ship To: | Deliver To: |
| MONTREAL - CASTLE METALS | | DAK I AEKOSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 | DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A | DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY ON |
| 835-SELKIRK AVENUE POINTE CLAIRE, QUEBEC H9R 3S2 | EC | ⋖ | 1K7 CAN | K6A 1K7 CA |
| Date Shipped | F.O.B. | Freight Terms | Carrier | BOLING |
| 03-JAN-2014 | ORIGIN | Prepaid | MANITOULIN | 1997508-2 |
| Shipment Details | | | Final Destination Branch - MON | MON |
| Order No | Line No | Item No | Doconinston | |
| 2152110 | 4 | 21.001 | Describing | |
| 5 5 6 7 7 7 | | 752241.MO | 2.5000.PL.7075.T7351.ALUN CUT 2SIDED TO 3.25 IN (+ .2500 IN) - ALUMINUM PLA | 2.5000.PL.7075.T7351.ALUMINUM.USI.48.5000.144.5000 CUT 2SIDED TO 3.25 IN (+ .0620/0000 IN) X 72 IN (+ .2500/- .2500 IN) - ALUMINUM PLATE SAW SPECIFICATIONS: |
| | | | AIVIS-CC-A-250/12 | |
| | | | ALL PAPERWORK MUST FOLLON RECEIVE AT TIME OF DELIVERY | ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DELIVERY |
| | | | ALL MATERIAL MUST HAVE | ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX:HEAT #'S |
| | | | FORWARD COPY OF P/S TO TRACY (MONTREAL) | O TRACY (MONTREAL) |
| Purchase Order No | | Part Number | Ordered Other Certa to Clavore @ darraero.com | ne @ danaero.com |
| 22359 | | | o no pos | Invoice Qty |
| Details | ALL PAPE | ALL PAPERWORK MUST FOLLOW ORDER / CLISTOMED MILET BEGEN A 3 T THE SECOND PCS | E.SO I STOMED MI IST DECE | 2.00 PCS |
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| | LORWAR | FURWARD COPY OF P/S TO TRACY (MONTREAL) | ONTREAL) | |
| | Email P/s a | Email P/s and certs to: clavoie@dartaero.com | mo | |
| | CUSTOMS | CUSTOMS BROKER: GEORGE H. YOUNG | g | |
| | END USEF | END USER: DART AEROSPACE | | |
| | ECCN # EAR99 | END USE: COMMERCIAL AIRCRAFT PARTS ECCN # EAR99 | 3TS | |
| Delivery No. | Mill | Heat Number | Mech Id PCS Width | - |
| | | | | midth (in) Length (in) Shipped Oty(LBS) |



CERTIFICATE OF CONFORMANCE PACKING SLIP/

A. M. Castle & Go.

658321A5

119468527

Page 2 of 2

We hereby certify the material covered by this cartification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description.

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SHIP TO:

A M CASTLE & CO 3050 SOUTH HYDRAULIC WICHITA, KS 67216

KAISER ALUMINUM

Trentwood Works - Spokane, WA 99215 Phone: (800) 367-2586

CERTIFIED TEST REPORT

Serial Number 4311155

SOLD TO:

AM CASTLE & CO- SOLD TO 1420 KENSINGTON RD SUITE 220 OAK BROOK, IL 60523

| | | | | 1 | | | | | | |
|--------------|------------|--------------------|---|--|--|--|---|--|--|--|
| : | WORK PACK | AGE: | CUSTOMER PAR | NUMBER: | | SHIP | RUN/LOAD: | GOV'T CO | ONTRACT NUMBER | ; |
| | | | 752241 | | | | | | | |
| LINE ITE | M: SHIP DA | TE: | ALLOY: | TEMPE | | | | | | |
| 7843 1 1-007 | | Г-2013 | 7075 | BARE | T735 | | Kaiser Se | | | .,. |
| QUANTI | ry: | TRUCK | (B/L#: | | | | | TH: | LENGTH: 144.500 IN | |
| 2 PCS | EST. | 2044 | 229 | | | | | 31.9 MM) | | (3670.3 MM) |
| | LINE ITE | LINE ITEM: SHIP DA | LINE ITEM: SHIP DATE: 1 1-OCT-2013 QUANTITY: TRUCK | 752241 LINE ITEM: SHIP DATE: ALLOY: 1 1-OCT-2013 7075 QUANTITY: TRUCK BIL #: | 752241 LINE ITEM: SHIP DATE: ALLOY: GLAD: 1 1-OCT-2013 7075 BARE QUANTITY: TRUCK B/L #: GAUGE: 2,5000 II | 752241 LINE ITEM: SHIP DATE: ALLOY: BARE T735 1 1-OCT-2013 7075 BARE T735 QUANTITY: TRUCK BIL #: GAUGE: 2,5000 IN | 1021 1022 1023 | Tour Truck B/L #: Clad: Temper: PRODUCT DI | TOURN PACKAGE: COSTOMER PART NOMBER: 102746/11 LINE ITEM: SHIP DATE: ALLOY: CLAD: TEMPER: PRODUCT DESCRIPTION PRODUCT DESCRIP | T52241 102746/11 102746/ |

MHU 1719596: LOT 658321A5: 2 pieces;

Certified Specifications

AMS 4078/RevJ ASTM B 209/Rev10 BSS 7055/RevA DPS 4.713/RevAK GSS16100/RevG/Amd1

AMS-QQ-A-250/12 **ASTM B 594/Rev09** CMMP 025/RevU EAC MS1011/RevE MMS 159/RevT

AMS-STD-2154/RevA BAC 5439/RevH CSTI 006/RevE GAMPS 9101/RevB PS 21211/RevL

Test Code: 4297

Test Results

Lot: 658321A5

Cast 559

Drop 16

Ingot 4

Melted in USA

(ASTM E8/8557)

(EN 2002-1)

Tensile:

Temper

Dir / # Tests

Ultimate KSI (MPA)

Yield KSI (MPA)

Elongation %

T7351

LT / 2 (Min:Max)

71.1:71.8

59.1:59.8

(490:495)

(407:412)

11.7:11.8

(ASTM E1004)

(EN 2004-1)

41.0 Min

41.2 Max

Conductivity %IACS: (MS/M):

23.8 Min

23.9 Max

(ASTM E1251)

FE SI

CU

MN

MG

ZN 5.8

TI 0.03

ZR 0.01

OTHER

Actual(wt%)

0.06

0.19

1.5

0.02

2.5

CR 0.20

0.01

TOT

0.05



CERTIFIED TEST REPORT

Serial Number 4311155

Trentwood Works - Spokane, WA 99215 Phone: (800) 367-2586

ALLOY LIMITS

| 7075 MIN(wt%) 0.00 0.00 MAX(wt%) 0.40 0.50 | 1.2 2.0 | 0.00 | 2.1 | 0.18 0.28 lemainder | 5.1 6.1 | 0.00 0.20 | 0.00 0.05 | 0.00 0.05 | EACH TOT | 0.05 0.15 |
|--|------------|------|-----|---------------------------|------------|--------------|--------------|--------------|-------------|--------------|

TEST NOTES

Metal represented by this test report was 100% immersion ultrasonically tested from one side with 3mm dead zones top and bottom and meets the Class A and Class B requirements of all specifications referenced on this test report. No surface marking of sonic indications is performed.

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC (Kaiser) hereby certifies that metal shipped under this order was matted in the United States of America or a qualifying country per DFARS 225.872-1(a), was manufactured in the United States of America, and meets the requirements of DFARS 262.225 for domestic content. This material has been inspected, tested and found in conformance with the requirements of the applicable specifications as indicated herein. For material thicknesses outside specification limits, mechanical properties are as shown herein and chemical composition meets specification requirements. All metal which is solution heat treated complies with AMS 2772. Any marranty is limited to that shown on Kaiser's standard general terms and conditions of sale. Test reports are on file, subject to examination. Test reports shall not be reproduced except in full, without the written approval of Kaiser Aluminum Fabricated Products, LLC laboratory. The recording of false, fictilious or fraudulent statements or entries on the certificate may be punished as a felony under federal law. ISO-9001:2000 certified.

Page 2 of 2

JAMES HEMENWAY, LABORATORIES SUPERVISOR



A. M. Castle & Co.

Page 1 of 1

Shipment No:1997508

| Ship From: | Sold To: | :0 | Ship To: | Deliver To- |
|--|----------|---|--|--|
| A. M. Castle & Co. MONTREAL - CASTLE METALS 835-SELKIRK AVENUE POINTE CLAIRE, QUEBEC H9R 3S2 | | DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA | DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CAN | DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA |
| Date Shipped | F.O.B. | Freight Terms | Carrier | BOL No |
| 03-JAN-2014 | ORIGIN | Prepaid | MANITOULIN | 1997508-2 |

Final Destination Branch - MON

Shipment Details

| Order No | Line No | Item No | Description | | | |
|-------------------|---------------|---|---------------------------------|--|--------------|--|
| 3144363 | 4 | 14828 | 1.0000.RD.304/ SPECIFICATION | 1.0000.RD.304/304L.STAINLESS.CF.ANN.132.0000-156.0000 SPECIFICATIONS- ASTM A276 | CF.ANN.132.0 | 000-156.0000 |
| Purchase Order No | | Part Number | Ordered Otv | | Prior Other | |
| 22359 | | | 24.00 FT | | 24 0000 ET | , A |
| Details | ALL PAPERW | ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MIIST BECEIVE AT TIME OF DELIVIPEY | NDFR / CUSTOMER | MIST BECEIVE | T TIME OF DE | 11/1-17/1 |
| | ALL MATERIA | ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS FX HEAT #'S | YING MARKINGS F | X-HFAT #'S | | י בו עם אום: |
| | FORWARD C | FORWARD COPY OF P/S TO TRACY (MONTREAL) | (MONTREAL) | | | |
| | Email P/s and | Email P/s and certs to: clavoie@dartaero.com | ro.com | | | |
| | END USER: D | END USER: DART AEROSPACE | | | | |
| | END USE: CC | END USE: COMMERCIAL AIRCRAFT PARTS | PARTS | | | |
| | ECCN # EAR99 | (66 | | | | |
| Delivery No. | Mill | Heat Number | Mech Id PCS | Width (IN) | anoth (IM) | Width (IN) I anoth (IN) Shings Other |
| 119464723 | NORTH | J4N0 | 0 | (1) | 4 4 4 0000 | Simpled diy(LbS) |
| | AMERICAN | | 1 | | 144.0000 | 0000.79 |
| | STAINLESS | | • | | | |

These commodifies/hechnologies are subject to US Export Administration & US State Dept. Regulations and, if intended for export, werefare exported thereunder. Diversion contrary to US Law is Prohibited.

We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description.

Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 80 days of the shipment. Material cut to the correct size, or material cut by the customer cannot be returned for cords. Reviewed by Authorized Castle Metals Representative:

Name:

Date:



REPORT TEST METALLURGICAL

6870 Highway 42 East Chent, KY 41045-9615 (502) 347-6000

Corrosion: ASTM A262-10 Prac A/E.OK 1 OF Page: 144.00 in Date: 9/18/2013 1.0000 Steel: 304/3041 Finish: Cold Draw 304/304L Dia/The Length: Leg Length: 60131 REMARKS A.M. CASTLE AND COMPANY 3400 NORTH WOLF ROAD H PRANKLIN PARK Item Code: 14828 A.M. CASTLE AND COMPANY 1420 KENSINGFON ROAD-SUITE 220 IL 60523 PRODUCT DESCRIPTION: Mail To: OAK BROOK 4784 Certificate: 871445 04 233195 0032 001 17 Your Order! Customer: KAS Order:

ASTM A193/10a-ASME SA193/10 CL 1 GR B8

2011/65/EU.Rohs. EAF-AOD-CC. NO WELD REPAIR. MELTED AND MFG IN USA FREE FROM MERCURY AND LOW MELFING ALLOY COMPANINATION COMPLIES W/REQUIREMENTS OF DFAR 252.225-7014A-1 EU DIRECTIVE

> ASTR A276/10, ASTR A479/13a, ASTR A182/10 CHEM ONLY,
> ARMS GRA79/10a, ASME SA182/10 CHEM ONLY
> AMS 5639H, AMS 5647J, AMS QQS-763B, QQS-763F, ASTR F899/11
> SOLUTION ANDRAL TEMP 1900F MIN, ASTR A320/08 CL 1 GR B8 UMS 30400/30403 EM 10204 3.1, ASTM A484/11 Round Bar, Annealed, Cold Draw GRAIN SIZE= 4-6

Chamical Analysis per ASTM A751/08

Bundle Weight

4347

BET10773

.0225 Ø * .031 Pu Castle Metals EP NT % 8.55 233/9 SPECIFICATION æ .077 THE WASTER MECHANICAL ID × PACIFICATION OF THE PACIFIC PA PO NUMBER (HAPOORE) TEN CODE COMMENT THE TANK SUPPLIER CM(Country of Mett) ES(Spain) US(United States) ZA(South Africa) JP(Japan) % OM 38 1.43 N. 8 44 Elng * 40 41.00 C3 % 18.05 52.00 RA 23 8 106.00 KRI PROPERTIES .016 SI % 96 .24 95.00 Ų KEI ANALYSIS 278 5 80 222.0 80 MECHANICAL B CHEMICAL Supplier ps BF70773 JAMO

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS

Dept.Mgr. Technical

ERIC HESS



A. M. Castle & Co.

Page 1 of 1

Shipment No:1997508

| Ship From: | Sold To: | | Ship To: | Deliver To: |
|-----------------------|----------|------------------------|--------------------|---------------------|
| A. M. Castle & Co. | DARTA | DART AEROSPACE LTD | DART AEROSPACE LTD | DART AFROSPACE I TO |
| MONTREAL - CASTLE | | 1270 ABERDEEN | 1270 ABERDEEN | 1270 ABERDEEN |
| METALS | HAWKE | HAWKESBURY, ON K6A 1K7 | HAWKESBURY, ON K6A | HAWKESBURY ON |
| 835-SELKIRK AVENUE | | | 1K7 CAN | K6A 1K7 |
| POINTE CLAIRE, QUEBEC | EBEC | | | |
| H9R 3S2 | | | | ; |
| Date Shipped | F.O.B. | Freight Terms | Carrier | BOL No |
| 03-JAN-2014 | ORIGIN | Prepaid | MANITOULIN | 1997508-2 |

Final Destination Branch - MON

Shipment Details

| Order No | Line No | Item No | Description | ption | | | |
|-------------------|----------------|--|----------------|---|-------------|---------------|--|
| 3144363 | 2 | 4693 | 1.2500 SPEC | 1.2500.RD.303.STAINLESS.CF.ANN.132.0000-156.0000 SPECIFICATIONS: ASTM A582 | LESS.CF.AN | JN.132.0000-1 | 56.0000 |
| Purchase Order No | Part Numb | umber | Ordered Qty | ed Otty | | Invoice Qtv | Α. |
| 22359 | | | 36.00 FT | L | | 36.2500 FT | |
| Details | ALL PAPERW | ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DEI IVERY | RDER / CUS | STOMER MUST | RECEIVE A | IT TIME OF DE | II IVERY |
| | ALL MATERIA | ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX:HEAT #'S | YING MARK | INGS EX:HEA | S#L | | |
| | FORWARD CC | FORWARD COPY OF P/S TO TRACY (MONTREAL) | (MONTRE, | AL) | | | |
| | Email P/s and | Email P/s and certs to: clavoie@dartaero.com | Pro.com | • | | | |
| | END USER: DART | ART AEROSPACE | | | | | |
| | END USE: CO | END USE: COMMERCIAL AIRCRAFT PARTS | PARTS | | | | |
| | ECCN # EAR99 | Q | | | | | |
| Delivery No. | Mill | Heat Number | Mech Id | PCS | Width (IIN) | Length (IN) | Width (IN) Length (IN) Shipped Oty(1 BS) |
| 119463927 | NORTH | K3M5 | | 3 | | 145,0000 | 152 0000 |
| | AMERICAN | | | • | | 2000 | 0000-201 |
| | STAINLESS | | | | | | |

| These commodities fechnologies are subject to US Export Administration (| ninistration & US State Dept. Regulations and, if intended for export, werefare exported thereunder. Diversion contrary to US Law is Prohibited. |
|--|---|
| We hereby certify the malerial covered by this certification conforms in acc Test reports are on file subject to examination. All claims for defective man for greath. | We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description. All dains for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material cut to the correct size, or material cut by the customer cannot be returned for certifications. |
| Reviewed by Authorized Castle Metals Representative: | Doto: Now. |

Name:

Date:

| egulations. Diversion contrary to US law prohibited. |
|---|
| iited States in accordance with the Export Administration Re |
| These commodities, technology or software were exported from the Uni Date Printed: 03-JAN-2014 10:33:00 AM |



METALLURGICAL TEST REPORT

6870 Highway 42 East Ghent, KY 41045-9615 (502) 347-6000

Page: 1 of

144.00 in 1.2500 ln Finish: Cold Finish Date: 12/04/2013 Length: Dia/Thk: Steels Leg Length: Corrosion: IL 60131 REMARKS A.M. CASTLE AND COMPANY 3410 HORTH WOLF ROAD PRAMILIN PARK Item Code: 4693 A.M. CASTLE AND COMPANY 1420 KENSINGTON ROAD-SUITE 220 IL 60523 PRODUCT DESCRIPTION: Mail To: CAN BROOK LP 10393 Certificate: 896202 29 249999 0032 001 Your Order: Customer: NAS Order:

COMPLIES W/REQUIREMENTS OF DFAR 252.225-7008 EU DIRECTIVE 2011/65/EU.ROMS. BAFACD+CC. NO WELD REPAIN. MELFED AND MFG IN USA FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

Round Bar, Annealed, Smooth Turned, Cold Finished

ASTE A582/12 EN 16204 3.1, ASTE A484/11 AMS 56400 TYPE 1, QQS-764B COMDITION A

SOLUTION ANNEAL TEMP 1900F MIN

Weight Bundle Bundle Weight Bundle Weight. Bundle Weight Bundle Weight Bundle Weight Bundle Weight Bundle Weight Bundle Weight 512 BEF88050

CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan) ANALYSIS CHEMICAL

Chemical Analysis per ASTM A751/08

| | | | | | | | | THE PROPERTY OF THE PROPERTY O | | | | |
|---------|--|--------|----------------------|-------|-------------|--------------|-------|--|--|------------|------|-------|
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| X3M5 | | Su | • 050 | .15 | 17.21 | e. 2 | 1.79 | 0.30 | .047 | 8.39 | .030 | .3590 |
| | | | SI % | | | | | | 2 | Acta handa | | |
| | | | .28 | | | | | HEAT NUMBER | MBER | Kamb | | |
| KE | MECHANICAL | PROPI | PROPERTIES | Ø | | | | MECHANICAL ID | J. 10 17 | 4.5° | . | |
| | 1 d HB | No. RS | rsi ots | ısı | RB # | Eing % 4D | | LOT NUMBER | H IS | 0000 | Ö | |
| BF88050 | ж Э | 159.0 | 0 8 , 8 1 | 93.53 | 41.40 | 33.88 | | RECEIPT DATE SUPPLIER SPECIFICATION LCS COMMENT | MA NATION IN | 1-23-1 | | |
| | The state of the s | | | | | | | | The state of the s | | | |

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS

Dept.Mgr. ERIC HESS

Technical

The state of the s



A. M. Castle & Co.

Page 1 of 1

Shipment No:1997508

| | - | | | |
|-----------------------|----------|------------------------|---------------------|-------------------|
| Sulp From: | Sold To: | | Ship To: | Deliver To- |
| A M Cactto & Co | A TOAC | DO00 A 1 1 1 1 | 100000 | |
| 1 : W: Case & Co. | | | DAKE AEKOSPACE LED | DART AFROSPACE TO |
| MONTREAL - CASTIF | | | 1070 405005541 | |
| O IV HUN | - | | NIBERTAL OF ALTERIA | 12/0 ABERDEEN |
| METALS | HAWKE | HAWKESBURY, ON K6A 1K7 | HAWKESBIRY ON KEA | HAMKECELIDY ON |
| 835-SELKIRK AVENUE | | | 1K7 CAN | 700001, ON |
| POINTE CLAIRE, QUEBEC | EBEC | | | X 70X |
| H9R 3S2 | | | | |
| | | | | |
| | F.O.B. | Freight Terms | Carrier | BOI No |
| | 1410100 | | | 02100 |
| 103-JAIN-Z014 | NISINO I | Prepaid | MANITOCLIN | 1997508_2 |
| | | | | |

Final Destination Branch - MON

Shipment Details

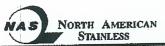
| Order No | Line No | Item No | Description | ption | | | |
|-------------------|---------------|--|----------------|--|---|--------------|--|
| 3144363 | က | 15043 | 0.3750 SPEC | 0.3750.RD.304/304L.STAINLESS.CF.ANN.132.0000-156.0000 SPECIFICATIONS: ASTM A276 | STAINLESS. | CF.ANN.132.0 | 0000-156.0000 |
| Purchase Order No | | Part Number | Ordered Otv | d Otv | 2/3/10/2 | yto opioval | 44 |
| 22359 | | | 24 OO FT | | | TI OOO VC | - A |
| Details | AII PAPERW | OBK MIST FOLLOW OF | טוט/ פשעמ | TOTAL CALL | , 1, 11, 11, 11, 11, 11, 11, 11, 11, 11 | 7 7.0000 F | |
|) | ALL MATERIA | ALL MATERIAL MIST DAVIT FOLLOW CHUER/ COSTONER WOST RECEIVE ALLIME OF DELIVERY | | SOMER INCOME | KECEIVE / | I IME OF D | ELIVERY |
| | FORWARD COPY | FORWARD COPY OF P/S TO TRACY (MONTREAL) | MONTRE | INGS EXTHE | S# = | | |
| | Email P/s and | Email P/s and certs to: clavoie@dartaero.com | ro.com | , ! | | | |
| | END USER: D | END USER: DART AEROSPACE | | | | | |
| | END USE: CO | END USE: COMMERCIAL AIRCRAFT PARTS | PARTS | | | | |
| | ECCN # EAR99 | 0 | | | | | |
| Delivery No. | Mill | Heat Number | Mech Id | PCS | Width (IN) | l anoth (IN) | Width (IN) Panath (IN) Shinned Ott. (I BS) |
| 119464365 | NORTH | H8J1 | | 2 | | 144 0000 | Simpled aty(LDS) |
| | AMERICAN | | | 1 | | 144.0000 | 9.0240 |
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These commodities/achnologies are subject to US Export Administration & US State Dept. Regulations and, if intended for export, werefare exported thereunder. Diversion contrary to US Law is Prohibited.

We hereby cartify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description. Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material cut to the corror size, or material cut by the customer cannot be returned for credit. Reviewed by Authorized Castle Metals Representative:

Name:

Date:



METALLURGICAL TEST REPORT

6870 Highway 42 East Ghent, KY 41045-9615 (502) 347-6000

Certificate: 853162 04

Mail To: A.M. CASTLE AND COMPANY 1420 NUMBERNOTON ROAD-SUITE 220 OAK BROOK IL 60523

Ship To: A.M. CASTLE AND COMPANY 3400 BORTH WOLF ROAD FRANKLIN PARK IL 60131

7/16/2013 Page: 1 Of 1 Date:

Steel: 304/304L
Finish: Cold Draw
Dia/Thk: .3750 in
Leg Length:
Length: 144.00 in
Corrosion: ASTM A262-10 Frac A/E OK

Customer: 0032 001

MAS Order: LP 2168 1

Your Order:

225609

Item Code: 15043

PRODUCT DESCRIPTION:

ASTM A193/10a-ASME SA193/10 CL 1 GR BS ASTH A193/10a-ASHE SA193/10 CL 1 GR Se
GRAIN SIEE= 4-6
ROUND SAT, Annealed, Cold Draw
URS 30400/30403 EN 10204 3.1, ASTH A494/11
ASTH A276/10, ASTH A479/11, ASTH A182/10 CHEM ONLY,
ASME SA479/10a, ASHE SA182/10 CHEM ONLY
AND 5639H, AMS 5647J, AMS QQS-763H, QQS-763F, ASTH F899/11
SOLUTION ANNEAL TEMP 1900F NIM, ASTM A320/08 CL 1 GR 88 REHARKS:

COMPLIES W/REQUIREMENTS OF DFAR 252.225-7014A-1 EU DIRECTIVE 2011/65/EU.ROBS. EAF+AOD+CC. NO WELD REPAIR. MELTED AND MFG IN USA FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

| Bundle | Weight | Bundle | Wei | ght | E | lund D | e Weigh | t Bun | ile Weigh | t Bundle | Weight | Bundle N | eight B | mdle | Weight | Bundle | Waight | Bundle | Weight |
|----------------|------------|-----------|-----|-----|-----|--------|-----------|----------|-----------|---|----------|-----------------|--|------------------------|-----------|------------------------|-------------|---------|--------|
| 7 56063 | 2800 | | | | | | | | | | | | | | | | | | |
| HEM | ICAL | ANA | LY | SI | s | c | M(Country | of Meit) | ES(Spain) | US(United S | tates) Z | A(South Africa) | JP(Japan) | | Chin | nical Ani | alysis g | or ASTM | |
| | Supplier (| | CM | | | C % | . (| 20 % | CR % | Çū | 4 | 100 % | NO % | B | * | WI % | P | * | 8 % |
| | andbrier # | | US | | | .017 | | 20 | 18.20 | .32 | | 1.47 | ,20 | | 074 | 8.62 | | 027 | .020 |
| 1831 | | | us | | | | | | | | | | | | Oustr | C MUCIE | STP | | |
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| | | | | - | | | | | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | | ITEM CO | Dí | | 1504 | <i>P</i> 3 | | |
| MECE | ANIC. | AL E | RC | PE | R | TI | ES | | | | | | LOT NO | NAME OF TAXABLE PARTY. | | | - | | |
| | | | - | | | | | | | | | | CO . IND. | | | | | " " | |
| | 3 d | HB | | .2Y | | | UTS | RA | % | Elng | | | PO NUM | - | 225 | 609 | | | |
| | 0 L | - | | 1 | KSI | | KEI | | * | % 2" | | | PO NUM | DATE_ | 225 | 609 | 10-13 | | |
| ay56063 | 0 L | HB | | 1 | | 85 | | | | Elng % 2* | | | PO NUM RECEIPT SUPPLIE | DATE_ | 225 NF | 609 157- | in-13 | | |
| BY56063 | 0 L | HB No. | | 1 | KSI | 85 | KEI | | * | % 2" | | | PO NUM RECEIPT SUPPLIE SPECIFO | DATE_ | 225 NF | 609 157- | n-13 | | |
| ay56063 | 0 L | HB No. | | 1 | KSI | 86 | KEI | | * | % 2" | | | PO NUM RECEIPT SUPPLIE SPECIFK UCS | DATE R | 225 NF | 609 157- | p-13 | | |
| pr56063 | 0 L | HB No. | | 1 | KSI | 86 | KEI | | * | % 2" | | | PO NUM RECEIPT SUPPLIE SPECIFO | DATE R | 225 NF | 1609 157- | n-13 | | |
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A. M. Castle & Co.

Page 1 of 1

Shipment No:1997508

| 1 | | | | | Edition 1 | Supplied No: 1997508 |
|---|----------------------|---|--|---------------|-------------------------------------|----------------------|
| Ship From: | | Sold To: | Ship To: | Deli | Deliver To: | |
| A. M. Castle & Co. MONTREAL - CASTLE | | DART AEROSPACE LTD 1270 ABERDEEN | DART AEROSPACE LTD 1270 ABERDEEN | | DART AEROSPACE LTD 1270 ABERDEEN | LTD |
| METALS 835-SFI KIRK AVENITE | | HAWKESBURY, ON K6A 1K7 | HAWKESBURY, ON K6A | | HAWKESBURY, ON | |
| POINTE CLAIRE, QUEBEC H9R 3S2 | JEC - | | L CAN | K6A 1K7 CA | 1K7 | |
| Date Shipped | F.O.B. | Freight Terms | Carrier | | BOINS | |
| 03-JAN-2014 | ORIGIN | Prepaid | MANITOULIN | | 1997508-2 | |
| Shipment Details | | | Final Destination Branch - MON | anch - MON | | |
| | | | | | | |
| Order No | Line No | Item No | Description | | | |
| 3144363 | - | 4540 | 0.1875.RD.303.STAINLESS.CD.ANN.132.0000-156.0000 | NLESS.CD.A | NN.132.0000-156 | 0000 |
| | | | SPECIFICATIONS: ASTM A582 | ASTM A582 | | |
| Purchase Order No | | Part Number | Ordered Qtv | | Invoice Otv | |
| 22359 | | | 36.00 FT | | A7 6667 ET | |
| Details | ALL PAPERV | ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MIST BECEIVE AT TIME OF DELIVEDY | DER / CUSTOMER MI ! | T RECEIVE | T TIME OF DE | IVEDV |
| | ALL MATERI | ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS FX:HEAT #'S | ING MARKINGS EX HE | AT #'S | | ו רון א |
| | FORWARD C | FORWARD COPY OF P/S TO TRACY (MONTREAL) | MONTREAL) |) | | |
| | Email P/s and | Email P/s and certs to: clavoie@dartaero.com | o.com | | | |
| | END USER: I | DART AEROSPACE | | | | |
| | END USE: CO | END USE: COMMERCIAL AIRCRAFT PARTS | ARTS | | | |
| | ECCN # EAR99 | 661 | | | | |
| Delivery No. | Mill | Heat Number | Mech Id PCS | Width (IN) | l anorth (INI) | him of Other |
| 119464365 | TALLEY METALS INC | 743043 | | | | 4.4807 |
| | ME I ALS, INC. | | | | _ | |

These conmodities/achnologies are subject to US Export Administration & US State Dept. Regulations and, if intended for export, were/are exported thereunder. Diversion contrary, to US Law is Prohibited.

We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description.

Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material cut to the correct size, or material cut by the customer cannot be returned for credit.

Name: Date: Reviewed by Authorized Castle Metals Representative:

CERTIFICATE OF TESTS **CERT SERIAL# 000845106**

ABNAHMEPRUEFZEUGNIS

CERTIFICAT DE CONTROLE



THE RECORDING OF PALSE, FICTICIOUS OR FRAUDULENT STATEMENTS OR ENTRIES ON THIS DOCUMENT MAY BE PUNISHED AS A PELONY UNDER FEDERAL STATUTES INCLUDING FEDERAL LAW, TITLE 16, CHAPTER 47.

CHAPTER 47.

THE VALUES AND OTHER TECHNICAL DATA REPRESENT THE RESULTS OF ANALYSES AND TESTS MADE ON SAMPLES COLLECTED FROM THE TOTAL LOT. ORIGINAL DATA RECORDS CAN BE TRACED BY REFERENCE TO THE CARPENTER ORDER NUMBER.

MATERIAL IS MANUFACTURED FREE FROM MERCURY, RADIUM, ALPHA AND GANNA SOURCE CONTAMINATION

THIS DOCUMENT SHALL NOT BE REPRODUCED, EXCEPT IN FULL, WITHOUT THE WRITTEN CONSENT OF CARPENTER TECHNOLOGY CORPORATION.

Talley Metals Technology, Inc. 205 Talley Metals Lane McBee, SC. 29101 Tel: (610) 208-2000 (800) 338-4592

10/10/12 CUSTOMER / RESTELLER / CLIENT

SELLER / VERKÄUFER / VENDEURPAGE

2 2 OF

A.M. CASTLE & CO

3400 N WOLF RD FRANKLIN PARK

IL 60131

HVL

| CUSTOMER ORDER NO./BESTELL-NR./N° DE COMMANDE | CARPENTER NO./WERKS-MR./Nº DE REFERENCE INTERNE | DATE/DATUM/DATE | WEIGHT/GEWICHT/POIDS |
|---|---|-----------------|----------------------|
| 168510-004 | W59502 | 10/10/12 | 3156.000 |

HEAT NUMBER / SCHMELZE-NR./N° DE COULEE: 743043 UNS NUMBER S30300
THIS ORDER WAS MANUFACTURED IN ACCORDANCE WITH CARPENTER SPECIALTY ALLOYS OPERATIONS QUALITY PROGRAM MANUAL, REVISION 30 DATED 09/28/11.

WE HEREBY CERTIFY THAT THE ABOVE TEST DATA ARE IN ACCORDANCE WITH THE PURCHASE ORDER AND SPECIFICATION REQUIREMENTS. CERTIFICATE OF TEST IS PREPARED IN ACCORDANCE WITH PARAGRAPH 3.1 OF EN 10204(DIN50049)

TIMOTHY DUVALL OUALITY ASSURANCE REP. CARPENTER TECHNOLOGY CORPORATION

| Castle Wetals FP | | | | |
|------------------|----------|---|--|--|
| HEAT NUMBER | 743043 | · | | |
| MECHANICAL ID | | | | |
| ITEM CODE | 4540 | | | |
| LOT NUMBER | | | | |
| PO NUMBER | 168570 | | | |
| RECEPT DATE | 10/11/12 | | | |
| | Talley | | | |
| SPECIFICATION | | | | |
| LCS | No | | | |
| COMMENT | | | | |
| APPROVED | 13.5 | | | |

This certification is made to the customer printed on this form. Carpenter neither makes, nor assumes responsibility for, any representation or certification to other parties.

Die vorliegende Zertifizierung in ma für den in diesem Pormular genannten Kunden göllig. Carpenter überninntl gegenüber Diritten keiner lei Huftung für die ausgewierenen Daten oder Zertifizierungen. Ce certificatiest untquerment valable pour le client dont le nom est imprimé sur oc formulaire. Carpenter plastume pas de responsabilité pour une certification vis-k-vis d'une tierce personne.

CERTIFICATE OF TESTS CERT SERIAL# 000845106

ABNAHMEPRUEFZEUGNIS

CERTIFICAT DE CONTROLE



• THE RECORDING OF FALSE, FICTICIOUS OR FRAUDULENT STATEMENTS OR ENTRIES ON THIS DOCUMENT HAV BE PUNISHED AS A FELONY UNDER FEDERAL STATUTES INCLUDING FEDERAL LAW, TITLE 18, CHAPTER 47.

CHAPTER 97.

THE VALUES AND OTHER TECHNICAL DATA REPRESENT THE RESULTS OF ANALYSES AND TESTS MADE ON SAMPLES COLLECTED FROM THE TOTAL LOT. ORIGINAL DATA RECORDS CAN BE TRACED BY REFERENCE TO THE CARPENTER ORDER NUMBER.

MATERIAL IS MANUFACTURED FREE FROM MERCURY, RADIUM, ALPHA AND GAMMA SOURCE CONTAMINATION.

THIS DOCUMENT SHALL NOT BE REPRODUCED, EXCEPT IN FULL, WITHOUT THE WRITTEN CONSENT OF CARPENTER TECHNOLOGY CORPORATION.

Talley Metals Technology, Inc. 205 Talley Metals Lane McBee, SC. 29101 Tel: (610) 208-2000 (800) 338-4592

10/10/12 CUSTOMER / BESTELLER / CLIENT

1 OF SELLER / VERKÄUFER / VENDEURPAGE

A.M. CASTLE & CO

3400 N WOLF RD FRANKLIN PARK

IL 60131

HVL

| CUSTOMER ORDER NO./BESTELL-NR./N° DE COMMANDE | CARPENTER NO./HERKS-NR./Nº DE REFERENCE INTERNE | DATE/DATUM/DATE | WEIGHT/GENICHT/POIDS |
|---|---|-----------------|----------------------|
| 168510-004 | W59502 | 10/10/12 | 3156.000 |

HEAT NUMBER / SCHMELZE-NR. / Nº DE COULEE :

743043

UNS NUMBER S30300

PRODUCT DESCRIPTION: TYPE 303-00 ANNEALED COLD DRAWN PART NUMBER: IAC 4540

SPECIFICATION: CASTLE 3303-00 REV 20 (04/11/11)
AMS 5640 REV U (10//07) TYPE I UNS# S30300
ASTM-A484-11 AISI - 303
ASTM-A582-05 TYPE 303

0.187500 IN. (4.76 MM) RD BAR SIZE

PRIMARY HEAT CHEMISTRY(WT%): (TEST METHOD IS SHOWN IN PARENTHESIS)

CR(XRF) 0.32 (COM) 0.03 (XRF) 0.52 (XRF) 0.05 (COM) CU(XRF) N (FUS) MO(XRF) NI(XRF) 8.60

NO WELD REPAIR.
SOLUTION ANNEALED TO PROVIDE A MICROSTRUCTURE FREE FROM CONTINUOUS GRAIN BOUNDARY CARBIDE PRECIPITATION (NETWORK).
MATERIAL IS MANUFACTURED FREE FROM MERCURY, RADIUM AND ALPHA SOURCE CONTAMINATION.

DISCS MACROETCHED AND APPROVED

(T)RANSVERSE (L)ONGITUDINAL YIELD STRENGTH, (0.20 %) KSI(MPA) TENSILE STRENGTH, KSI(MPA) ELONGATION IN 1.00", % REDUCTION OF AREA, % 786) 876)

HARDNESS AS SHIPPED 234HBW (99HRBW)

NO WELD REPAIR PERFORMED
MATERIAL HAS BEEN MELTED AND MANUFACTURED IN THE USA WHICH IS A QUALIFYING COUNTRY TO DEARS REQUIREMENTS 252.225-7014 WITH ALTERNATE 1 FOR QUALIFYING COUNTRY 225.872.1, SUPERSEDED BY DEARS REQUIREMENTS DEARS 252.225-7008 AND 252.225-7009.

CONTINUED ON NEXT PAGE

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Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7 Tel: 613 632 9577

Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO22359

Purchase Order Date 12/11/2013 PO Print Date 12/11/2013

Page Number 1 of 3

Order From:

VC-MET001

DART AEROSPACE LTD Ship To:

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

CANADA

METAUX CASTLE

A.M. CASTLE & CO. (CANADA) INC. - C/O 910720

P.O. BOX 4090 STN A TORONTO, ON M5W OE9

CA

Contact Name

Vendor Phone

514 694 9575

Ship To Contact

Ship To Phone

VENDOR'S TRUCK Ship Via:

Buyer

Customer POID

Customer Tax #

Terms Currency Net 30 CAD

Chantal Lavoie

10127-2607

FOB

FCA - (Free Carrier)

| Line Nbr | Reference Vendor Part Number | Description/ Mfg ID | Req Date/ CD Taxable | Req Qty/ Unit of Measure | PO Un | it Price | Extended Price |
|---------------------------------|---|--|-------------------------|--------------------------------|-------------|----------|-------------------|
| Line Comments Delivery Comments | | Promise Date | | M/27864 | | | |
| 1 | M303B1.000X2.000 | 303 BAR 1" X 2" | 12/27/2013 | 12.00 | | \$78.55 | \$942.60 |
| 1 | W1505B1.00071B.000 | | Yes | f | | | |
| | | | 12/27/2013 | | | | |
| | MATERIAL: AISI 303 SS BA NOTE: AISI 304/316 NOT AC | | | | | | |
| | | | | | Line Total: | | \$942.60 |
| 2 | M303R0.187 | 303 Round Bar 0.187" | 12/20/2013 Yes | 36.00 f | | \$0.55 | \$19.80 |
| | MATERIAL: AISI 303 SS RO | OUND BAR AS PER ASTM A582 CCEPTABLE | 12/20/2013 | 47.6 | 667 | | |

NOTE: AISI 304/316 NOT ACCEPTABLE

Line Total:

\$19.80

M303R1.250

303 Round Bar 1.250

12/20/2013

12/20/2013

\$9.90

\$356.40

MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582 NOTE: AISI 304/316 NOT ACCEPTABLE

Note:

12/11/2013



METAUX CASTLE

Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7 Tel: 613 632 9577 Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO22359

Purchase Order Date 12/11/2013 **PO Print Date** 12/11/2013

Page Number 2 of 3

Order From:

VC-MET001

DART AEROSPACE LTD Ship To:

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

CANADA

P.O. BOX 4090 STN A TORONTO, ON M5W OE9

CA

Contact Name

Vendor Phone

514 694 9575

A.M. CASTLE & CO. (CANADA) INC. - C/O 910720

Buyer

Chantal Lavoie

Customer POID Customer Tax #

Ship To Contact

Ship To Phone Ship Via:

VENDOR'S TRUCK

Terms

10127-2607 Net 30

Currency

CAD

FOB

FCA - (Free Carrier)

Ship Acct:

12/20/2013

24.00

\$356.40

M304R0.375

304 ROUND BAR 0.375

Yes 12/20/2013

\$1.17

\$28.08

MATERIAL: AIS 304/316 SS ROUND BAR AS PER ASTM A276

NOTE: AISI 303 NOT ACCEPTABLE

Line Total:

Line Total:

\$28.08

M304R1.000

304 round bar 1.00

12/20/2013

24.00

\$6.59

\$158.16

Yes 12/20/2013

MATERIAL: AIS 304/316 SS ROUND BAR AS PER ASTM A276

NOTE: AISI 303 NOT ACCEPTABLE

Line Total:

\$158.16

M7075T73B2.500X03.25

7075-T73 Bar 2.50 x 3.25

12/27/2013

f Weel Floor

\$55.29

\$774.00

Yes

12/27/2013

MATREIAL: 7075-T73 OR 7075-T7351/T73510/T73511 BAR AS PER AMS-QQ-A-200/11 PR AMS-QQ-A-225/9 OR AMS 4124 OR AMS-QQ-A-250/12 AMS 4078

Note:

12/11/2013



METAUX CASTLE

P.O. BOX 4090 STN A

Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7 Tel: 613 632 9577

Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO22359

Purchase Order Date 12/11/2013 **PO Print Date** 12/11/2013

Page Number 3 of 3

Order From:

VC-MET001

DART AEROSPACE LTD Ship To:

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

CANADA

TORONTO, ON M5W OE9 CA

Contact Name

Vendor Phone

514 694 9575

A.M. CASTLE & CO. (CANADA) INC. - C/O 910720

Buyer **Customer POID** Chantal Lavoie

Customer Tax #

10127-2607

Ship To Contact

Ship To Phone

VENDOR'S TRUCK

Terms Currency Net 30 CAD

FOB

FCA – (Free Carrier)

Ship Via: **Ship Acct:**

Line Total:

\$774.00

PO Total:

\$2,279.04

Note: Pricing listed above is as per contract agreement between Dart Aerospace and the respective manufacturer.

No substitution or deviation without consent. Certificate of Conformity or Material Certification required YES NO

PST# 6122-5207

Change Nbr:

2

Change Date:

12/11/2013